a stator opposed to said rotor, wherein the stator comprises stacked stator cores, each stator core comprising an inner yoke and an outer yoke, and the inner and outer yokes being integrated by a coil bobbin;

an output side bearing provided on the output side of said rotary shaft, and supporting a portion near an output portion of said rotary shaft;

an opposite side bearing holding portion for holding an opposite side bearing supporting an opposite side to the output side of said rotary shaft; and

a resin washer fitted around said narrow portion of said rotary shaft;

wherein said stator cores are integrally formed with the coil bobbin by insert molding, and said output side bearing, the coil bobbin and the opposite side bearing holding portion are made of resin and integrally formed with each other, whereby the output side bearing and the opposite side bearing holding portion are integrated with the stator cores;

wherein a lead screw is formed at the output portion and a rotation of said lead screw directly affects an operated member; and

wherein the opposite side bearing supported by the opposite side bearing holding portion is configured to be movable in an axial direction thereof while being urged toward the output side so that the rotor and the rotary shaft are urged toward the output side and the resin washer is brought into contact with the output side bearing to thereby be positioned in the axial direction thereof.

5. (Twice Amended) A motor comprising:

a rotor;

a rotary shaft inserted and fixed into said rotor, said rotary shaft including a narrow portion provided on an output side of said rotary shaft;

a stator opposed to said rotor, wherein the stator comprises stacked stator cores, each stator core comprising an inner yoke and an outer yoke, and the inner and outer yokes being integrated by a coil bobbin;

an output side bearing provided on the output side of said rotary shaft, and supporting a portion near an output portion; and

a resin washer fitted around said narrow portion of said rotary shaft;

wherein said stator cores are integrally formed with the coil bobbin by insert molding, and said output side bearing, the coil bobbin and the opposite side bearing holding portion are made of a resin, and integrally formed with each other, whereby the output side bearing and the opposite side bearing holding portion are integrated with the stator cores; and

wherein a lead screw is formed on said rotary shaft from said output portion of said rotary shaft to a portion which is opposed to an inner surface of said output side bearing; and

wherein lubricant is filled in a gap formed between said lead screw and said output side bearing; and

wherein the opposite side bearing supported by the opposite side bearing holding portion is configured to be movable in an axial direction thereof while being urged toward the output side so that the rotor and the rotary shaft are urged toward the output side and the resin washer is

brought into contact with the output side bearing to thereby be positioned in the axial direction thereof.